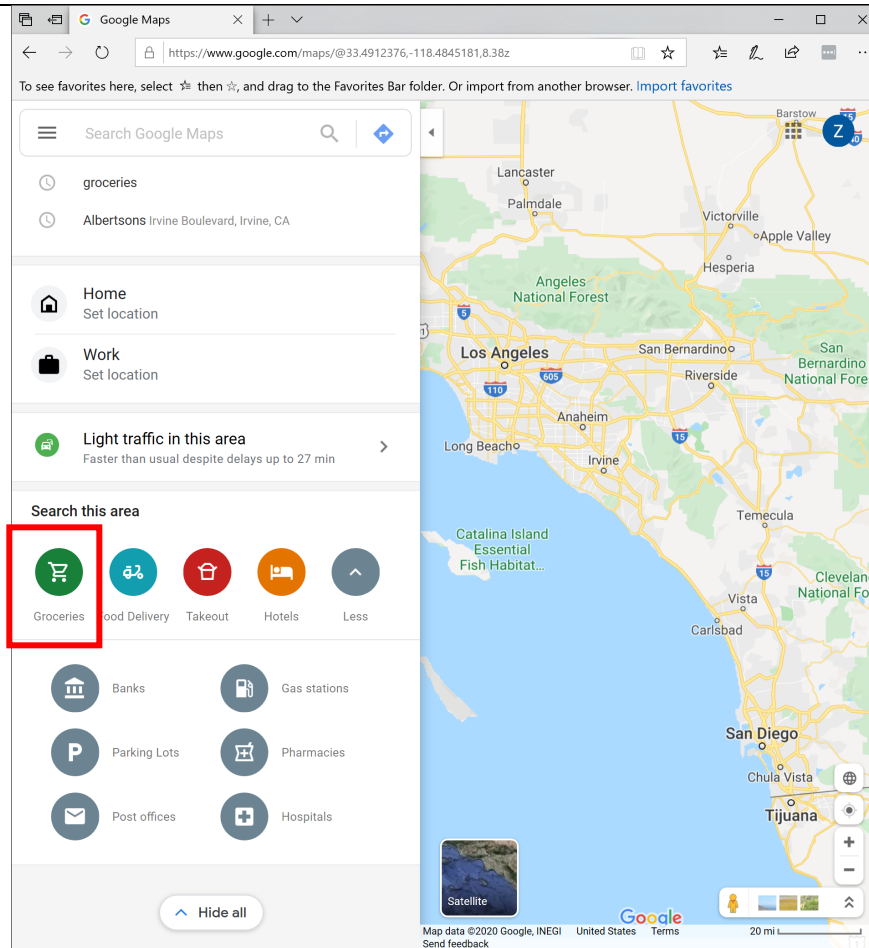


Exhibit 4

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

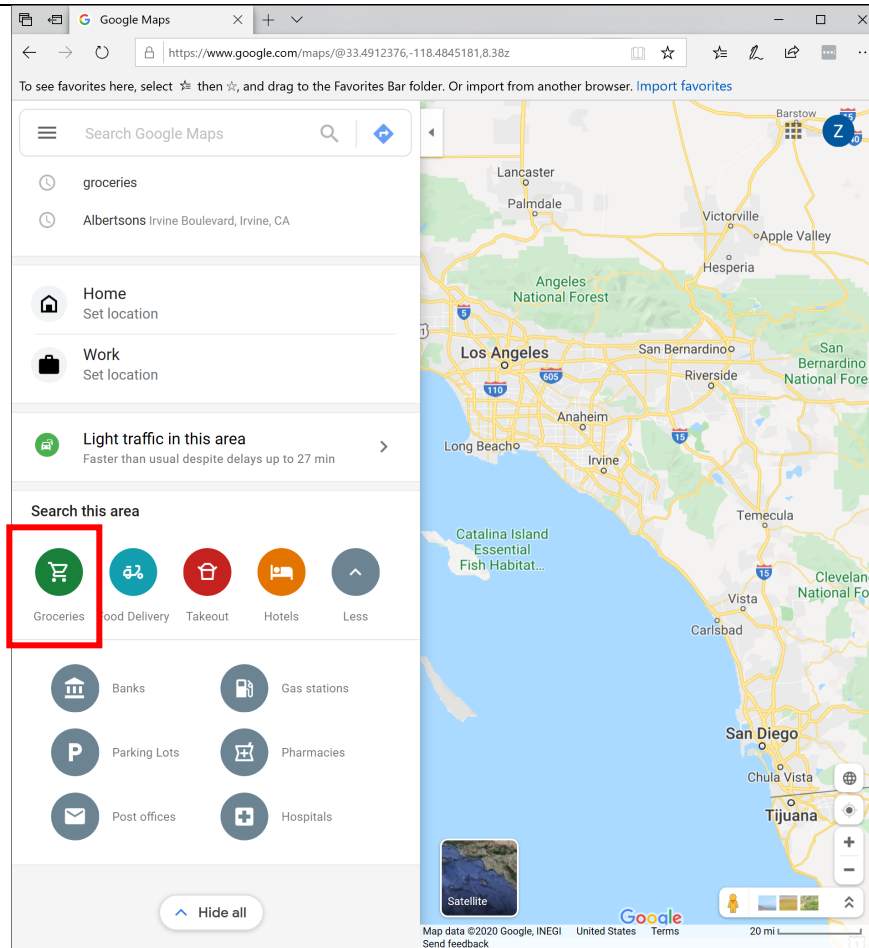
Claim Element		Infringing Instrumentality
Claim 1		
1[A]	A method comprising: providing first and second point of interest data sets receiving update data with respect to said first and second point of interest data sets to create first and second updated point of interest data sets;	<p>Google has committed acts of infringement under 35 U.S.C. § 271 with its Accused Products.</p> <p>Google's Accused Products provide first and second point of interest data sets receiving update data with respect to said first and second point of interest data sets to create first and second updated point of interest data sets. <i>See, e.g.:</i></p> <p>Google's Accused Products provide a first point of interest, as shown below exemplarily.</p>

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



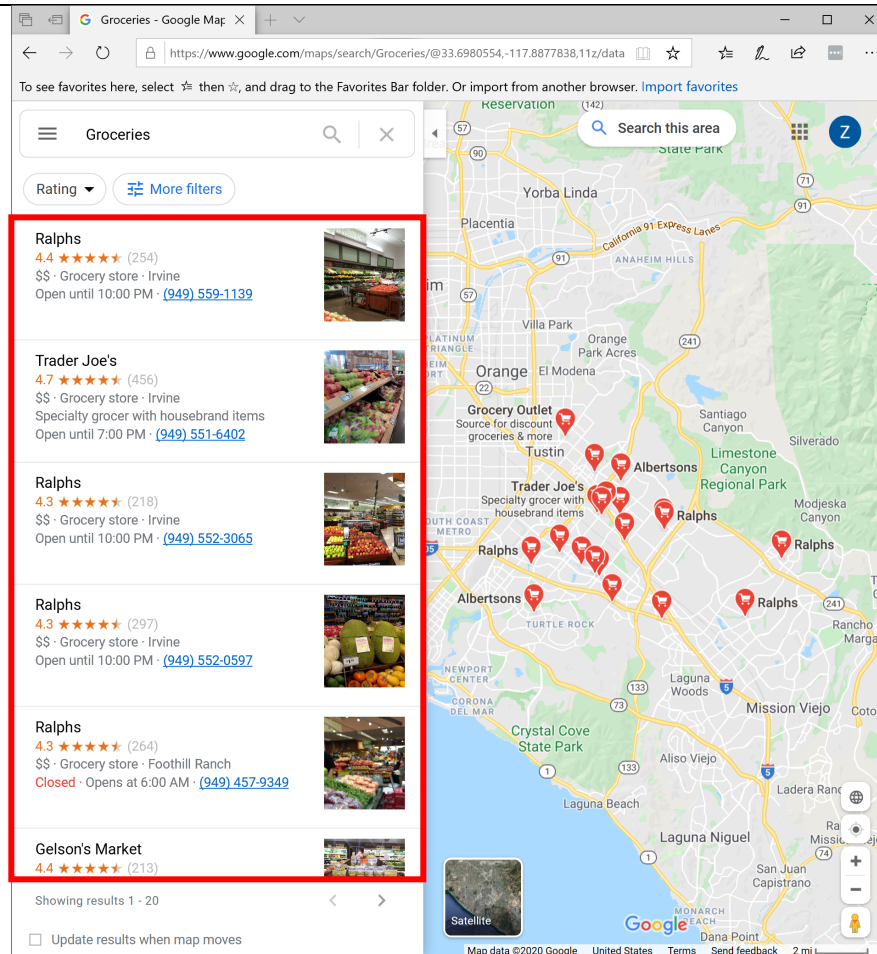
Further, Google's Accused Products provide a data set for the above shown first point of interest, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



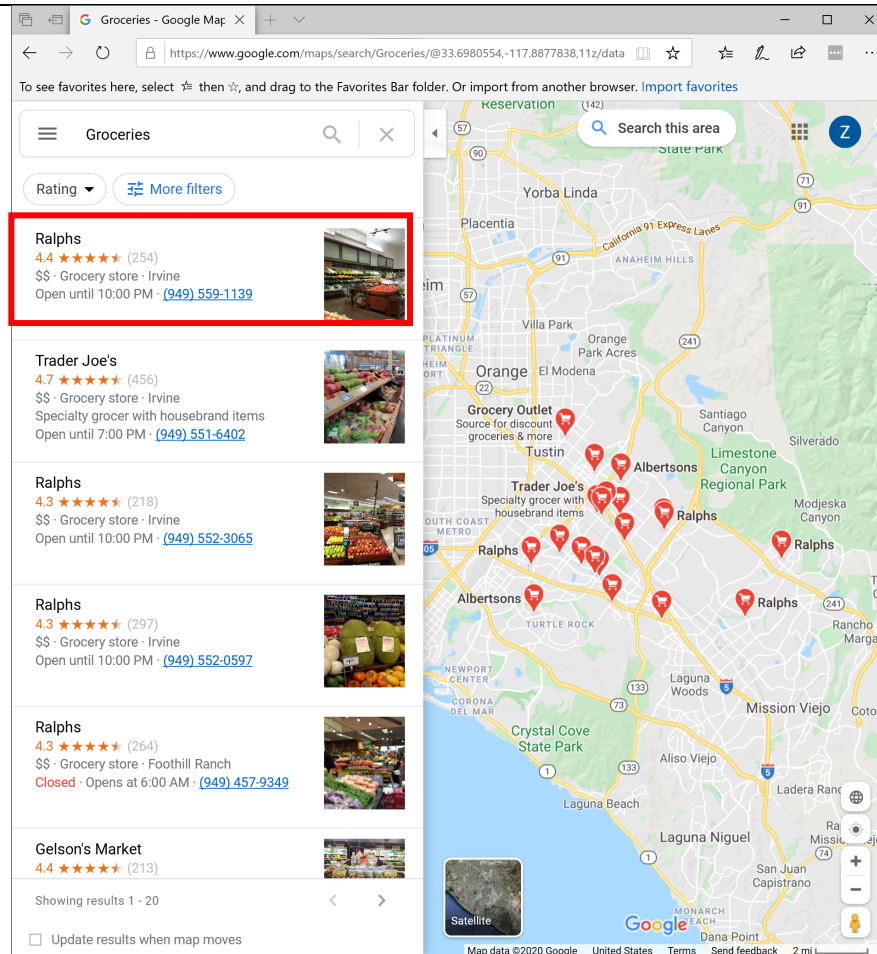
Further, Google's Accused Products provide a data set for the above shown first point of interest, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



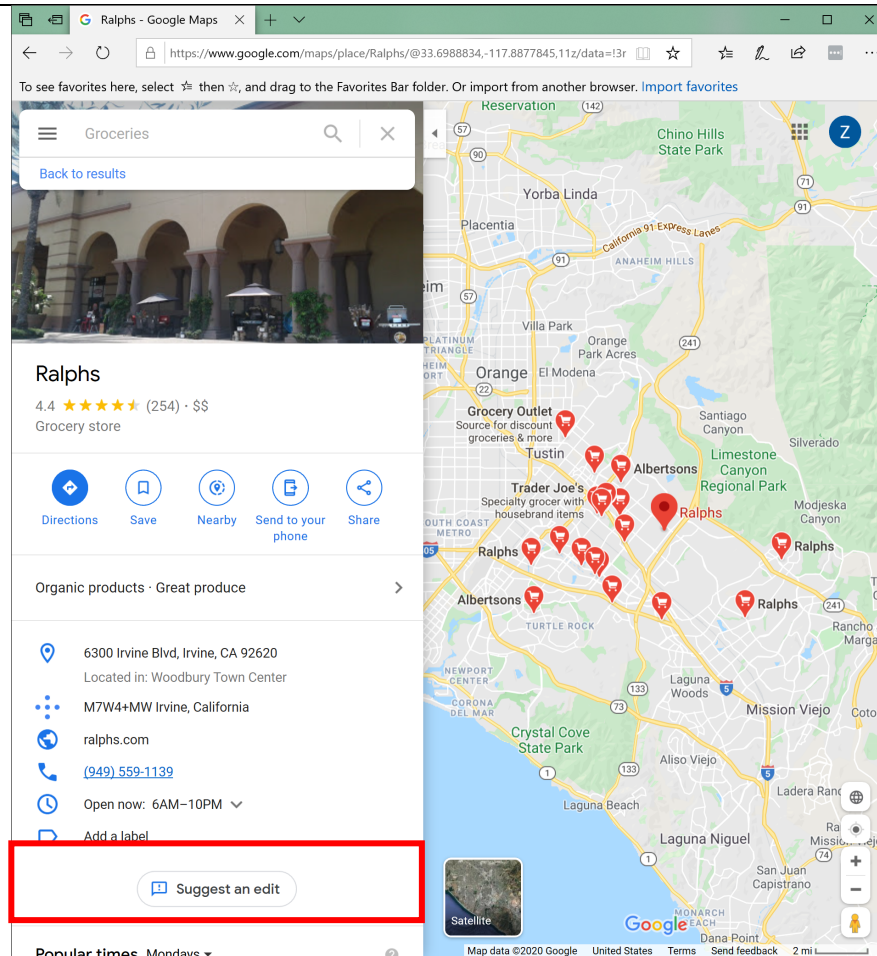
Further, Google's Accused Products receive update data with respect to first point of interest data set to create first updated point of interest data set, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



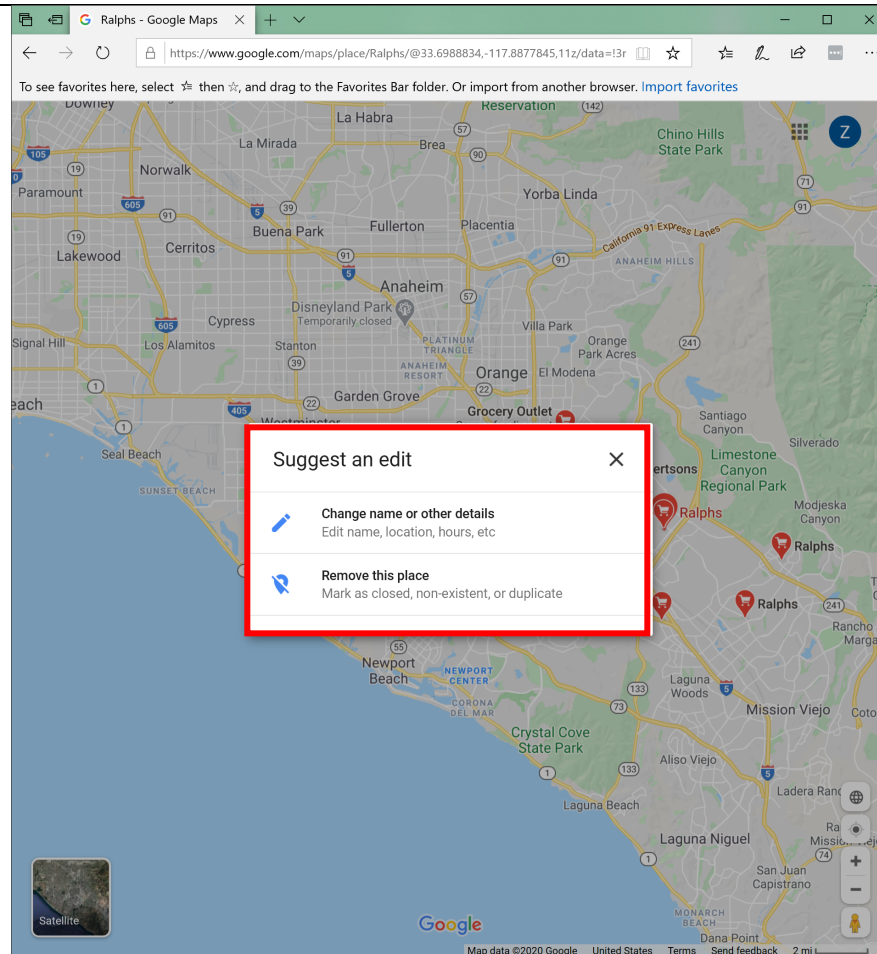
Google's Accused Products receive update data with respect to the above shown data set, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



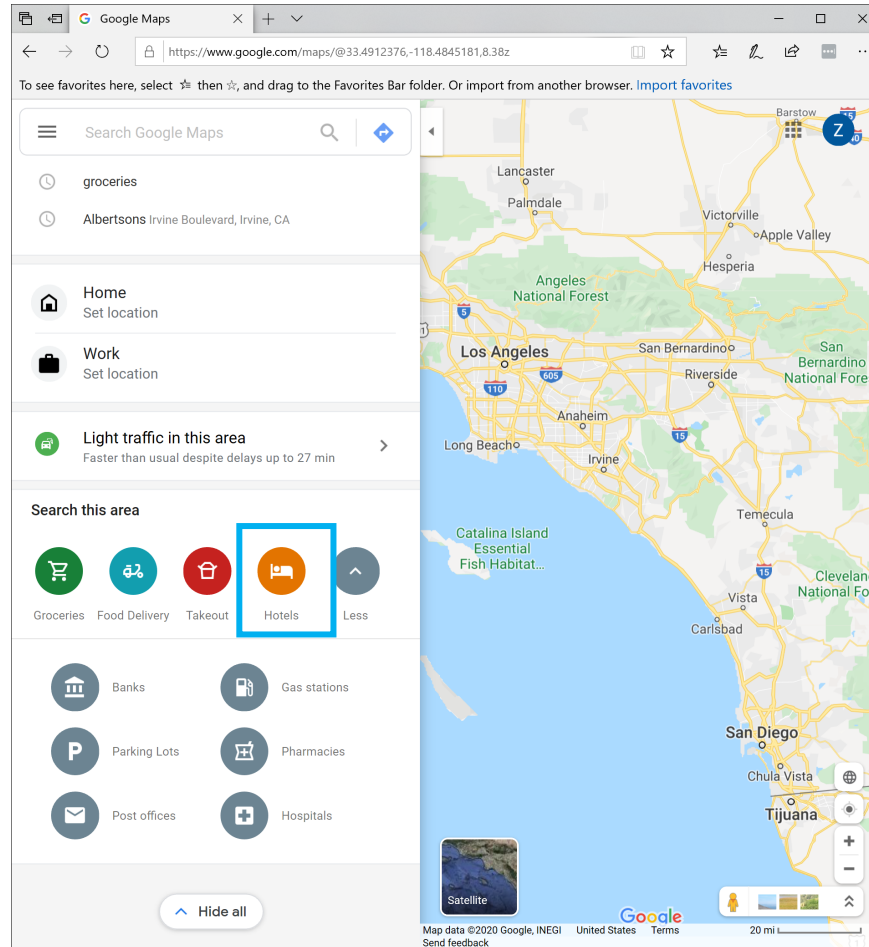
Google's Accused Products receive update data, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



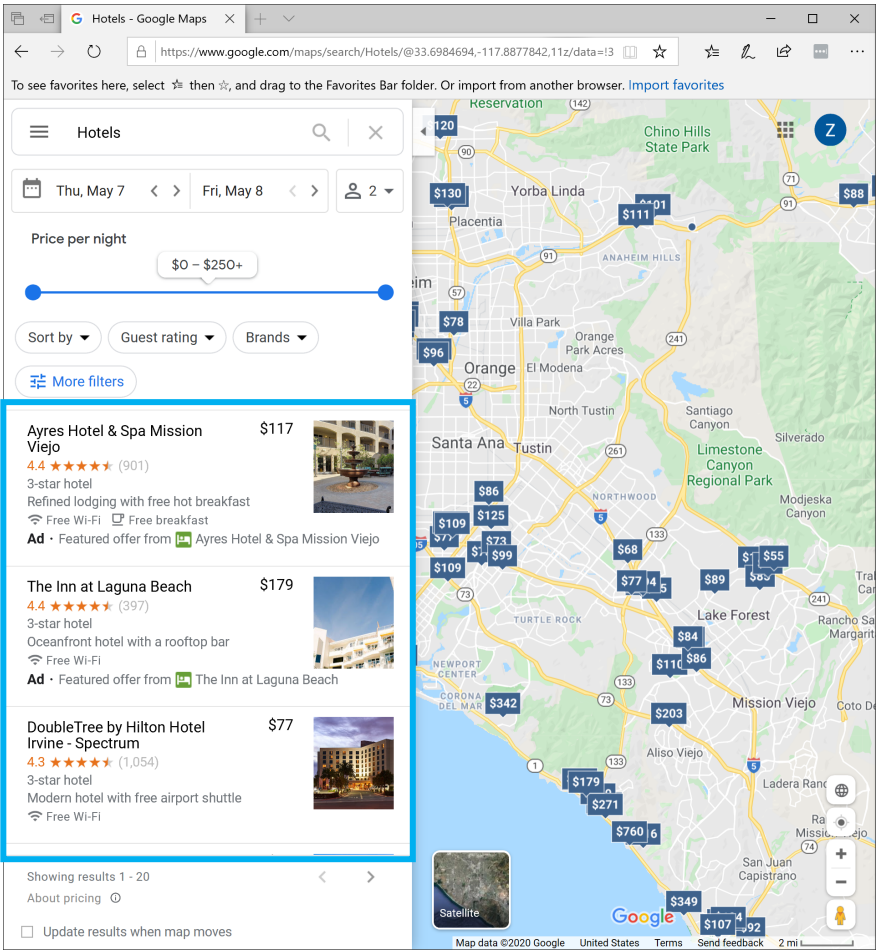
In addition, Google's Accused Products provide a second point of interest, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



Further, Google's Accused Products provide a data set for the second point of interest, as shown below exemplarily.

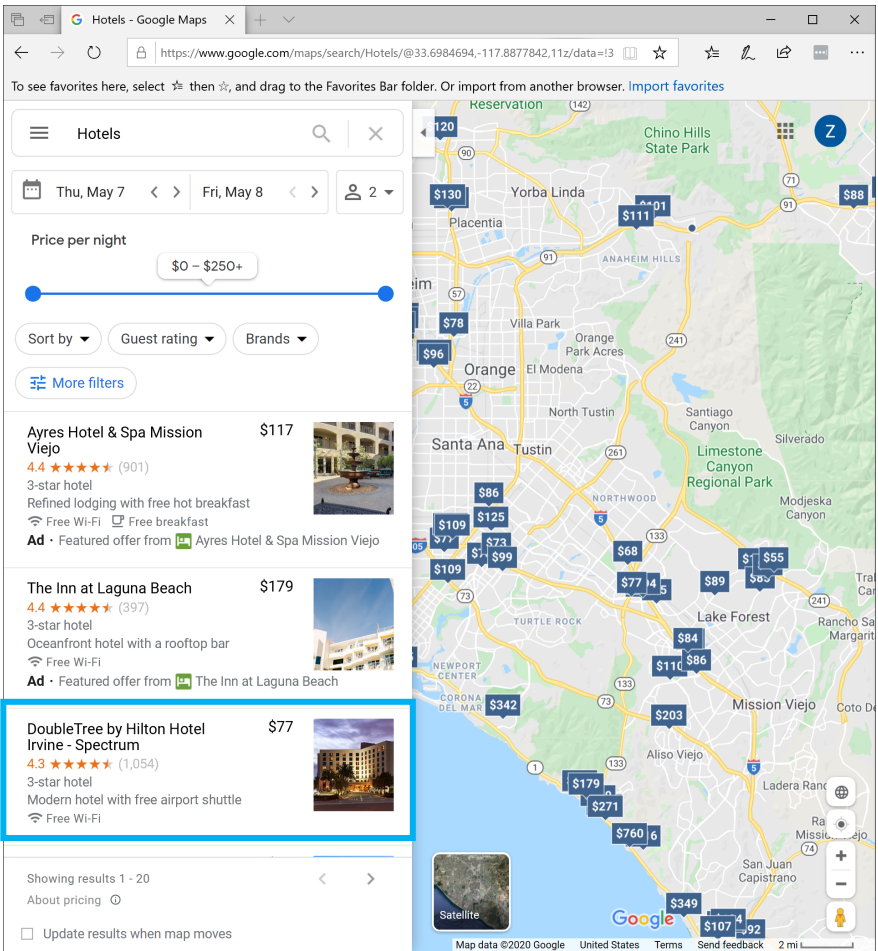
Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



In addition, Google's Accused Products receive update data with respect to second point of interest

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

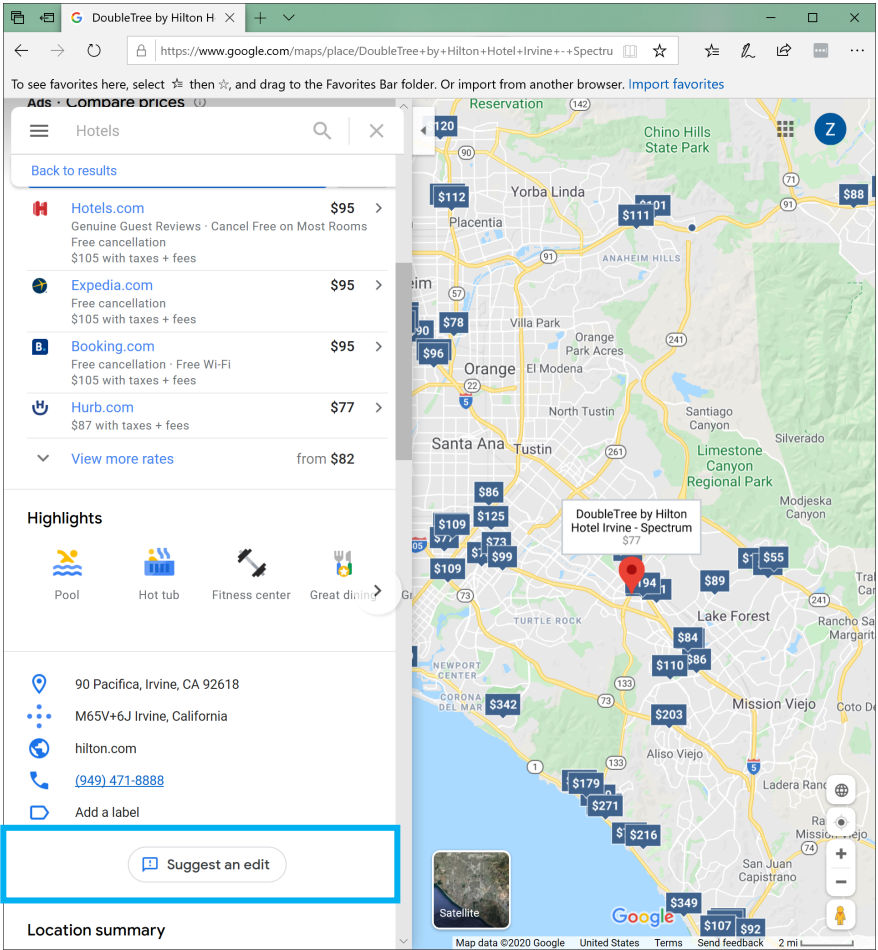
data set to create second updated point of interest data set, as shown below exemplarily.



Google's Accused Products receive update data with respect to the above shown data set, as shown

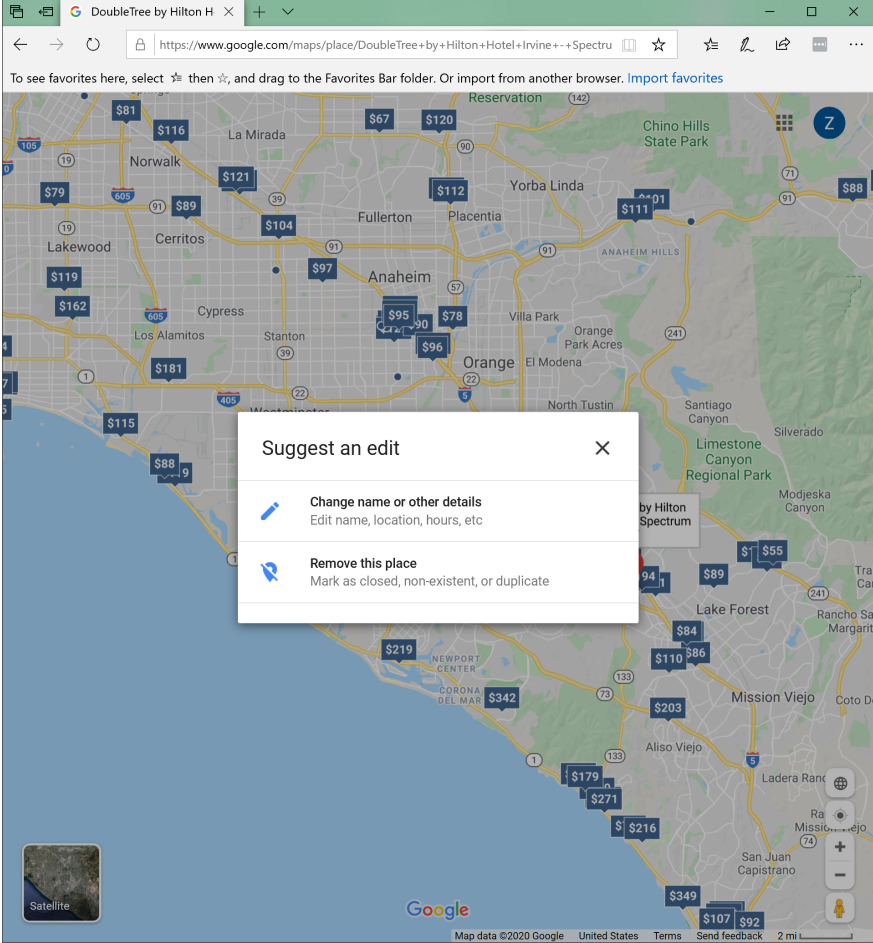
Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

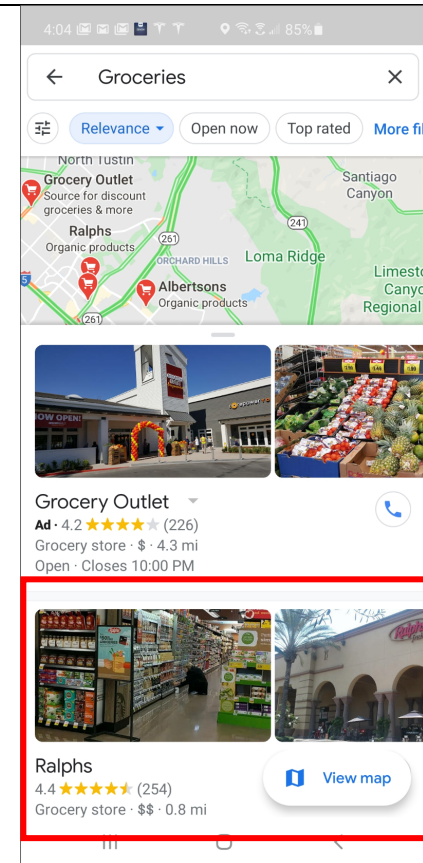
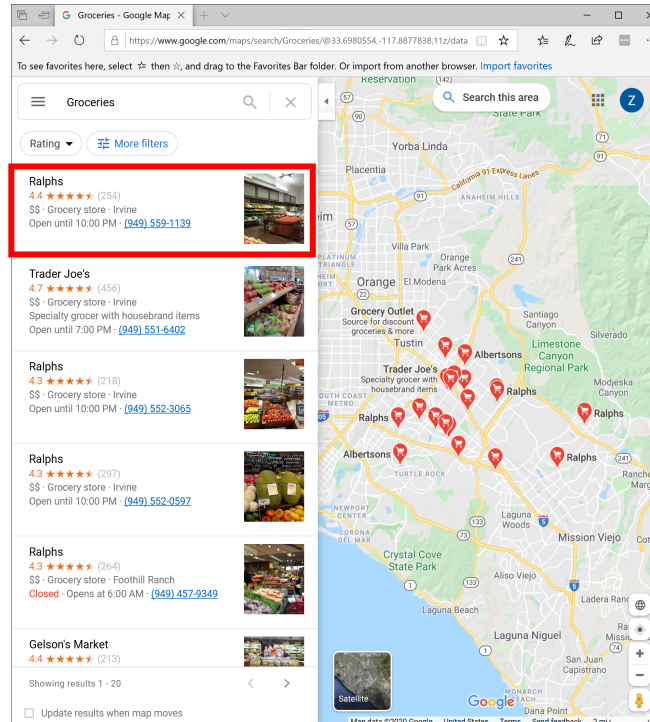
below exemplarily.



Google's Accused Products receive update data, as shown below exemplarily.

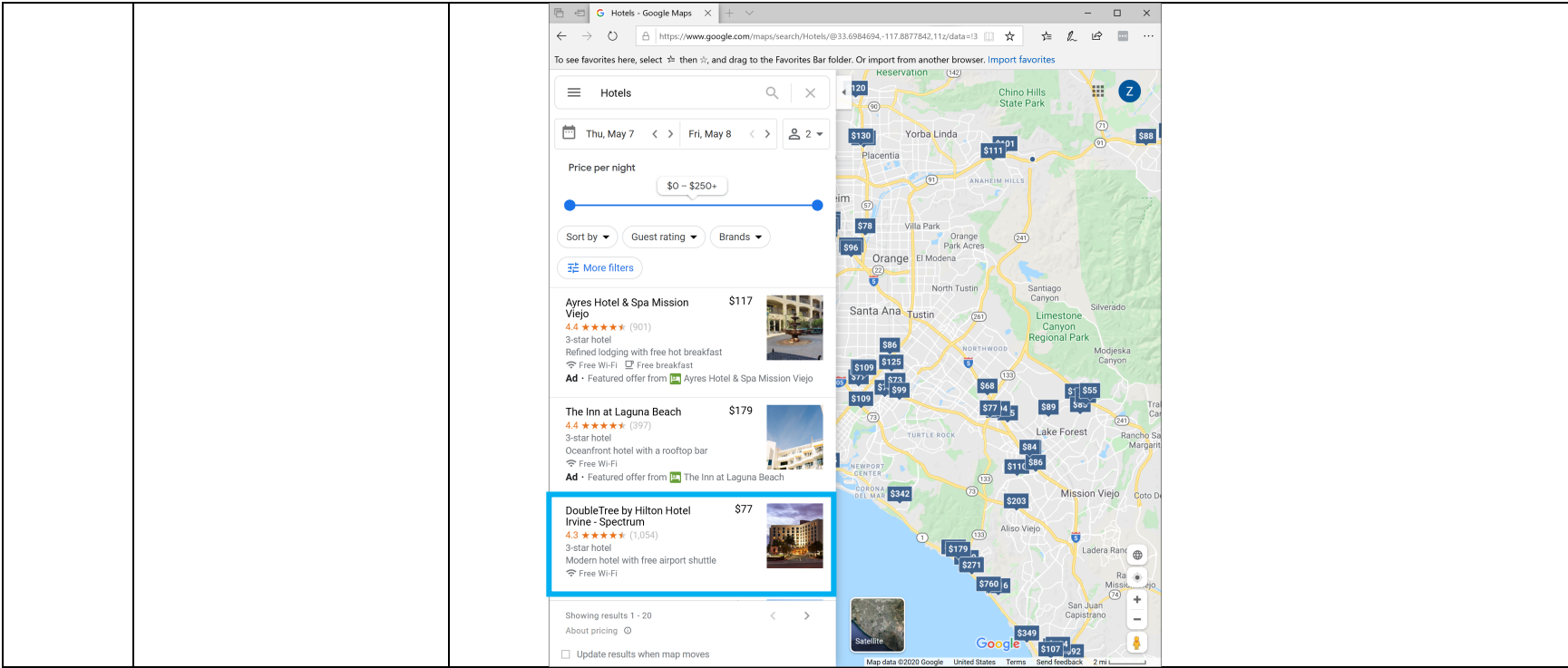
Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

		
1[B]	selectively providing, through the Internet, for display on a plurality of maps, to a plurality of map display programs, said first or second updated point of interest data sets:	<p>Google's Accused Products selectively provide, through the internet, for display on a plurality of maps, to a plurality of map display programs, said first or second updated point of interest data sets. <i>See, e.g.:</i></p> <p>Google's Accused Products selectively provide, through the internet, for display on a plurality of maps, to a plurality of map display programs, the first updated point of interest data sets, as shown below exemplarily.</p>

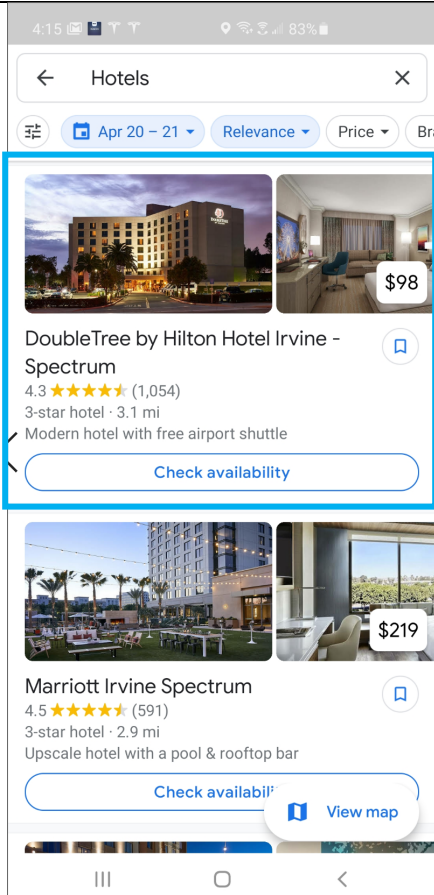
Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

In addition, Google's Accused Products selectively provide, through the internet, for display on a plurality of maps, to a plurality of map display programs, the second updated point of interest data sets, as shown below exemplarily.

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)



Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

		 <p>The screenshot shows a mobile application interface for finding hotels. At the top, there's a search bar with 'Hotels' and a filter icon. Below the search bar, there are filters for dates ('Apr 20 - 21'), relevance, price, and brand. Two hotel listings are visible. The first listing, 'DoubleTree by Hilton Hotel Irvine - Spectrum', is highlighted with a blue border. It shows a 4.3-star rating (1,054 reviews), a 3-star hotel, and a price of \$98. The second listing, 'Marriott Irvine Spectrum', shows a 4.5-star rating (591 reviews), a 3-star hotel, and a price of \$219. Both listings have a 'Check availability' button. The bottom of the screen shows a navigation bar with three icons.</p>
1[C]	wherein the method is performed by one or more computing devices.	<p>Google's Accused Products perform the method by one or more computing devices. <i>See, e.g.:</i></p> <p>Google's Accused Products perform above functionality by one or more computing devices, as shown below exemplarily.</p>

Ex. 4 - Infringement Chart for U.S. Patent No. 9,177,330 (Claim 1)

A screenshot of the Google Data Centers website. The top navigation bar is white and contains a hamburger menu icon, the text "Google Data Centers" in its multi-colored font, and a search icon. Below the navigation bar is a large blue banner with a faint aerial view of a data center complex. The banner contains the heading "Discover our data center locations" and a subtext: "We own and operate data centers around the world to keep our products running 24 hours a day, 7 days a week." Below the banner, a list of 16 data center locations is displayed in two columns. Each location is preceded by a red location pin icon. The locations listed are: Berkeley County, South Carolina; Council Bluffs, Iowa; The Dalles, Oregon; Douglas County, Georgia; Henderson, Nevada; Jackson County, Alabama; Lenoir, North Carolina; Loudoun County, Virginia; Mayes County, Oklahoma; Midlothian, Texas; Montgomery County, Tennessee; New Albany, Ohio; Papillion, Nebraska; Quilicura, Chile; Dublin, Ireland; Eemshaven, Netherlands; and Fredericia, Denmark. The bottom of the page shows the beginning of another list of locations, which is partially cut off.